HE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF: Wolfgang Clemens et al.

10/533756 SERIAL NO:

GROUP ART UNIT:

Not assigned

FILED:

May 3, 2005

EXAMINER:

Not assigned

CUSTOMER NO:

27162

FOR:

Organic Electronic Component With High-Resolution Structuring

And Process For The Production Thereof

ATTY/DKT NO :

415000-128

(2)

MS Amendment Commissioner for Patents

P.O. Box 1450 Alexandria VA 22313-1450

SIR:

Pursuant to 37 C.F.R. §1.56(a). Applicant(s) hereby cite(s) the enclosed documents listed on the attached copy of Form PTO-1449 which are believed to be material to the patentability of the above-identified application.

This Information Disclosure Statement is filed in accordance with the paragraph of 37 CFR \$1.97 indicated below:

X §1.97(b)

This Information Disclosure Statement is filed:

- Within three months of the filing date of a national (1) application: OR
- Within three months of the date of entry of the national stage of an international application: OR Before the mailing of a first Office Action on the merits. (3)
 - No fee or statement is required.

§1.97(c) This Information Disclosure Statement is filed after the period specified in paragraph (b) above, but before the mailing date of either:

- (1) A Final Action or under 37 CFR §1.113: OR
- A Notice of Allowance under 37 CFR §1.311: AND (2)

is accompanied by either: (check one)

The statement as specified in 37 CFR §1.97(e) set out below: OR

The fee of \$180.00 under 37 CFR §1.17(p).

his Information Disclosure Statement is filed after the mailing date of either: (1) a Final Action or under 37 CFR §1.113; OR (2) A Notice of Allowance under 37 CFR §1.311;

BUT filed on or before payment of the Issue Fee: AND

is accompanied by:

The statement as specified in 37 CFR §1.97(e) as set (1) forth below: AND

- (2) Petition is hereby made under 37 CFR §1.97(d) for consideration of this Information Disclosure Statement: AND.
- (3) The petition fee of \$180.00 set out in 37 CFR §1.17(i).

- each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of this Information Disclosure Statement;
 - no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or to the knowledge of the undersigned Attorney after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing date of the Information Disclosure Statement.

This Information Disclosure Statement provides a detailed list of the references cited in various pending applications listed in applicant's Disclosure Statement filed herewith.

The Commissioner is authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 03-0678.

FIRST CLASS CERTIFICATE

I hereby certify that this correspondence is being deposited on the date set forth below with the U.S. Postal Service as First Class Mail, postage prepaid, in an envelope addressed to:

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

August 26, 2005 anice Speidel

Date

Respectfully submitted. Wolfgang Clemens et al.

William Squire Reg. No. 25,378

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U.S. Patent and Trademark Office; U.S. Department of Commerce

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Complete if Known Application Number 10/533.756 INFORMATION DISCLOSURE Filing Date May 3, 2005 STATEMENT BY APPLICANT First Named Inventor Wolfgang Clemens Group Art Unit Not assigned (Use as many sheets as necessary) Examiner Name Not assigned Sheet Of Attorney Docket Number 411000-128

			U.S. PATENT DOCU	MENIS	
Examiner Initial*	Cite No.1	Document Number Number-Kid Code ^{2 (f known)}	Publication- Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages o Relevant Figures Appear
		US-2002/0056839	05-16-2002	Joo et al.	
		US-2002/0068392	06-06-2002	Lee et al.	
		US-2002/0170897	11-21-2002	Hall	
		US-2002/0195644	12-26-2002	Dodabalapur et al.	
		US-2002/130042	09-19-2002	Stiene	
		US-2003/0112576	06-19-2003	Brewer et al.	
		US-2003/059987	03-27-2003	Siminghaus Henning et al.	
		US-2004/0002176	0101-2004	Xu	
		US-3,512,052	12-12-1970	Maciver et al.	
		US-3,955,098	05-04-1976	Kawamoto	
		US-4,302,648	11-24-1981	Sado et al.	
		US-4,442,019	04-19-1984	Marks	
		US-4,865,197	09-12-1989	Craig	
		US-5,173,835	12-22-1992	Cornett et al.	
		US-5,259,926	11-09-1993	Kuwabara et al.	
		US-5,395,504	03-07-1995	Hoffman et al.	
		US-5,502,396	03-26-1996	Desarzens	
		US-5,569,879	10-29-1996	Gloton et al.	
		US-5,580,794	12-03-1996	Allen	
		US-5,629,530	05-13-1997	Brown et al.	
		US-5,630,986	05-20-1997	Miller	
		US-5,729,428	03-17-1998	Sakata et al.	
		US-5,869,972	02-09-1999	Birch et al.	
		US-5,946,551	08-31-1999	Dimitrakopoulos	
		US-5,997,817	12-07-1999	Crismore et al.	,
		US-6,036,919	03-14-2000	Thym et al.	
		US-6,060,338	05-09-2000	Tanaka et al.	

O P E INFORMATION DISCLOSURE

Complete if Known
Application Number 10/533,756
Filing Date May 3, 2005
First Named Inventor Wolfgang Clemens
Group Art Unit Not assigned
Examiner Name Not assigned
Attorney Docket Number 411000-128

US-6,300,141	10-09-2001	Segal et al.	
US-6,852,583	02-08-2005	Bernds et al.	
US-6,903,958	06-07-2005	Bemds et al.	

FORFIGN PATE	NT DOCUMENTS	
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Examiner Initial*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (If known)	Publication- Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰
		DE 33 38 597	05-02-1985	GAO Gesellschaft		
		DE 100 45 192	04-04-2002	Siemens AG		
		DE 100 47 171	04-18-2002	Siemens AG		
		DE 100 58 559	05-29-2002	Interactive Biotech.		
		DE 101 17 663	10-17-2002	Samsung SDI Co.		
		DE 101 20 687	10-31-2002	Siemens AG		
		DE 199 18 193	11-25-1999	Cambridge Display		
		EP 0 128 529	12-19-1984	BASF		
		EP 0 268 370 A2	05-25-1988	Canon Kabushiki Kaisha		х
		EP 0 268 370 A3	05-25-1988	Canon Kabushiki Kaisha	,	х
		EP 0 350 179	01-10-1990	W & T Avery Ltd.		Х
		EP 1 052 594	11-15-2000	Sokymat S.A.		
		EP 1 083 775	03-14-2001	Seiko Epson		
	1	EP 1 102 335 A2	05-23-2001	Lucent Technologies		х
		EP 1 104 035 A2	05-30-2001	Lucent Technologies		х
		EP 1 134 694	09-19-2001	Infineon Technologies		
		EP 1 318 084	06-11-2003	Nippon Sanso Corp.		
		GB 2 058 462	04-08-1981	Shin-Etsu Polymer Co.		Х
		GB 723,598	02-09-1955	N V Phillips Gloeilampenfabrieken		х
		JP 05347422 (abstract)	12-27-1993	Fujitsu Ltd.		
		JP 09320760	12-12-1997	Matsushita Electric Inc.		
		JP 2001085272 (abstract)	03-30-2001	Matsushita Electric Ind.		Х
		JP 54069392	06-04-1979	Sakamoto Mitsuru		
		JP 54069392 (abstract)	06-04-1979	NEC Corp.		Х
		JP 61167854 (abstract)	07-29-1986	Murata Mfg. Co. Ltd.		х
		WO 00/33063	06-08-2000	Moorlodge Biotech		х

Substitute for form 149A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Group Art Group Art

(Use as many sheets as necessary)

Sheet 3

. Complete if Known		
Application Number	10/533,756	
Filing Date	May 3, 2005	
First Named Inventor	Wolfgang Clemens	
Group Art Unit	Not assigned	
Examiner Name	Not assigned	
Attorney Docket Number	411000-128	

	WO 01/03126	01-11-2001	Regents of U. of CA	×
	WO 01/06442	01-25-2001	Yip	×
	WO 01/08241	02-01-2001	E Ink Corporation	×
	WO 01/17029	03-08-2001	E Ink Corp.	x
	WO 01/27998	04-19-2001	Koninklijke Philips	×
	WO 01/46987	06-28-2001	Plastic Logic Ltd.	
	WO 01/73109 A2	10-24-2001	Iverness Medical	×
	WO 01/73109 A3	10-24-2001	Iverness Medical	×
	WO 02/071139	09-12-2002	Acreo AB	×
	WO 02/071505	09-12-2002	Acreo AB	×
	WO 02/076924	10-03-2002	Nisshinbo Industries	
	WO 02/091495	11-14-2002	Coatue Corp.	x
	WO 02/099907	12-12-2002	Siemens	x
	WO 02/099908	12-12-2002	Siemens	
	WO 02/15264	02-21-2002	Siemens AK	
	WO 02/29912	04-11-2002	Cambridge University	x
	WO 02/43071	05-30-2002	Thin Film Electronics	×
	WO 03/046922	06-05-2003	Infineon Technologies	
	WO 03/067680	08-14-2003	Canon Kabushiki Kaisha	х
i	WO 03/069552	08-21-2003	Rafsec Oy	×
	WO 03/081671	10-02-2003	Siemens AK	
	WO 03/095175	11-20-2003	ZBD Displays Ltd.	
	WO 04/047144 A2	06-03-2004	Siemens	
	WO 04/047144 A2 (abstract)	06-03-2004	Siemens	×
	WO 04/047144 A3	06-03-2004	Siemens	
	WO 04/047144 A3 (abstract)	06-03-2004	Siemens	×
	WO 04/7194 A2	06-03-2004	Siemens	
	WO 04/7194 A2 (abstract)	06-03-2004	Siemens	×
	WO 04/7194 A3	06-03-2004	Siemens	
	WO 2004/032257	04-15-2004	Leonhard Kurz GmbH	
	WO 2004/042837	05-21-2004	Siemens AK	
	WO 2004/083859	09-30-2004	Platform Diagnostics	
	WO 95/06240	03-02-1995	Metrika Laboratories	x
	WO 96/19792	06-27-1996	Trustees of Princeton	
	WO 97/12349	04-03-1997	DeRivaz	×
	WO 98/18156	04-30-1998	Steag Microtech	

Substitute for form 1449A/PTO Complete if Known 10/533,756 Application > INFORMATION DISCLOSURE Filing Date May 3, 2005 STATEMENT BY APPLICANT First Named Inventor Wolfgang Clemens Group Art Unit Not assigned (Use as many sheets as necessary) Examiner Name Not assigned Of Sheet Attorney Docket Number 411000-128

	WO 98/18156 (abstract)	04-30-1998	Steag Microtech	 х
	WO 99/54936 Corrected Version	10-28-1999	Cambridge Display	
	WO 99/66540	12-23-1999	Opticom ASA	х

		NON-PATENT LITERATURE DOCUME	NTS		
Examiner Initial	Cite No.				
	BRABEC, C.J. et al, "Photoinduced FT-IR spectroscopy and CW-photocurrent measurements of conjugate polymers and fullerenes blended into a conventional polymer matrix", Solar Energy Materials and Solar Ce 2000 Elsewier Science VV., pages 19-33.			x	
		BRABEC, C.J. et al., "Photovoltaic properties of a conjugated polymin a polystyrene matrix", Journal of Applied Physics, Vol 85, No. 9,			x
		GOSAIN, D.P., "Excimer laser crystallized poly-Si TFT's on plastic s Symposium on Laser Precision Microfabrication, May 16-18, 2001,	substrates*, Second Inter Singapore, Vol. 4426, pa	mational ages 394 – 400.	х
		HARSANYI G. ET AL, "Polytronics for biogtronics:unique possibilitie IEEE Polytronic 2002 Conference, June 23, 2002, pages 211-215	es of polymers in biosens	sors and BioMEMS*,	
		KOEZUKA, H. et al., "Macromolecular Electronic Device", Mol. Crys	st. Liq. Cryst. 1994, Vol. :	2555, pp. 221-230.	
	LU, Wen et al., "Use of Ionic Liquids for π-Conjugated Polymer Electrochemical Devices", Science, Vol 297, 2002, pages 983 – 987/		cience, Vol 297,	x .	
		OELKRUG, D. et al., "Electronic spectra of self-organized oligothion molecular units", Elsevier Science S.A., 1996, Thin Solid Films 284-)' and 'lying'	x
		REDECKER, M. et al., "Mobility enhancement through homogeneou polyfluorene", 1999 American Institute of Physics, Applied Physics I			×
		SHAHEEN, S.E., et al., "Low band-gap polymeric photovoltaic device 1583-1584.	ces", Synthetic Metals, V	ol 121, 2001, pages	×
	-	TAKASHIMA, W. et al., Electroplasticity Memory Devices Using Co Electrolytes*, Polymer International, Melbourne, 1992, pages 249 –		Solid Polymer	
7		VELU, G. et al. "Low Driving Voltages and Memory Effect in Organic Gate Insulator", Applied Physics Letters, American Institute of Physics 659 – 661.			
		WANG, Yading et al., "Electrically Conductive Semiinterpenetrating octylthiophene)", Macromolecules 1992, Vol 25, pages 3284 – 3290		ly(3-	×
Examiner Signatu	ıre	/Shouxiang Hu/	Date Considered	06/04/	2008

#267618

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF: Wolfgang Clemens et al.

SERIAL NO: 10/533,756 GROUP ART UNIT: Not assigned

FILED: May 3, 2005 EXAMINER: Not assigned

CUSTOMER NO.: 27162

FOR: Organic Electronic Component with High Resolution Structuring

and Process for the Production Thereof

ATTY/DKT NO.: 411000-128

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DISCLOSURE STATEMENT UNDER 37 CFR 1.56

SIR:

This paper is to bring to the attention of the PTO the following U.S. pending applications, all of which are related in different respects to organic electronic devices and/or method of making such devices such as transistors, diodes, integrated circuits and the like. Many of these applications also may have one or more common inventors.

These applications also are generally related to the various applications noted in applicants' Disclosure Statement filed on May 3, 2005. The enclosed PTO 1449 lists related applications noted below. It is respectfully requested that the Examiner consider and make of record all of the cited applications listed in the enclosed PTO 1449.

Application	<u>Title</u>	Inventors	Atty. Dkt. No.
<u>No</u> .	Organic Electronic Component With	Adolf Bernds et al.	411000-128
10/533,756	High Resolution Structuring And	Addit Berrids et al.	411000 120
	Process For The Production Thereof		
10/534,678	Measuring Apparatus for Determining	Wolfgang Clemens et al.	411000-129
	an Analyte In A Liquid Sample		

		T	1
10/535,448	Organic Electronic Component Comprising a Semiconductive	Wolfgang Clemens et al.	411000-131
	Conducting Functional Layer and A		
	Method For Producing Said		
	Component		
10/535,449	Organic Electronic Component Comprising the Same Organic Material	Walter Fix et al.	411000-132
	For At Least Two Functional Layers		
10/344,926	Organic Field Effect Transistor	Adolf Bernds et al.	411000-133
10/541,815	Organo-Resistive Memory Unit	Adolf Bernds et al.	411000-136
10/541.956	Board Or Substrate For An Organic	Adolf Bernds et al.	411000-137
	Electronic Device		
10/541,957	Organic Field Effect Transistor And Integrated Circuit	Erwann Guillet et al.	411000-138
10/542.679	Use of Conductive Carbon	Adolf Bernds et al.	411000-141
	Black/Graphite Mixtures for the	7.00.1 Doi.100 of U.	1550-141
	Production of Low-Cost Electronics		1
	T 1 TOGGCTION OF LOW-OOST Electronics		

The Commissioner is authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 03-0678.

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Janice Speidel Date

#267681

Respectfully submitted, Wolfgang Clemens et al.

William Squire Reg. No. 25,378

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0851-0031
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nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a wait OMB control number.

Substitute f	or form 1449A/PTO		Com	Complete if Known	
			Application Number	10/533,756	
	INFORMATIO	N DISCLOSURE	Filing Date	May 3, 2005	
	STATEMENT	BY APPLICANT	First Named Inventor	Wolfgang Clemens	
			Group Art Unit	Not assigned	
	(Use as many s	heets as necessary)	Examiner Name	Not assigned	
Sheet	1	1	Attorney Docket Number	411000-128	

Examiner Initial*	Cite No.1	Document Number Number-Kid Code ^{2 (f known)}	Publication- Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documer	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
-					
	128	US-10/533,756	N/A ·	Wolfgang Clemens et al.	
	129	US-10/534,678	N/A	Wolfgang Clemens et al.	
	131	US-10/535,448	N/A	W. Clemens et al.	
	132	US-10/535,449	N/A	Walter Fix et al.	
	133	US-10/344,926	02/12/2004	Adolf Bernds et al.	
	136	US-10/541,815	N/A	Axel Gerit et al.	
	137	US-10/541,956	N/A	Wolfgang Clemens et al.	
	138	US10/541,957	N/A	Walter Fix et al.	
	139	US-10/543,561	N/A	Wolfgang Clemens et al.	
	140	US-10/542,678	N/A	Adolf Bernds et al.	
	141	US-10/542,679	N/A	Adolf Bernds et al.	
Examiner Si	nature.	/Shouxiang Hu/	<u></u>	Date Considered	06/04/2008

"EXAMINET. Initial if reference considered, Meather or not Clation is in conformance with MPEP 690. Daw line though clation in for in conformance and not considered. Include copy of this form with next communication to applicant. Applicants variety cellular indeed produced in 1870 Palent Documents at www.uspin.gov or MPEP 991 04.3 - Enter Office that issued the document, by the hor-letter code (WIPO Standard ST.3). 4For Japanese patent documents, the indication of the year of the religin of the Emport must proceed the scelar number of the patent documents. Kind of concerns its kind of comments and the comments are included to the comment of the patent documents and the service of the patent documents and the comments are commented to the comment of the patent documents and the comment of the patent documents and the termination in the comment of the patent document and the patent document of the patent document and the patent document of the patent document and the patent documents are commented and the patent documents are commented as a formation of the patent document and the patent document and the patent documents are commented as a formation from the tell previous and the patent document and the